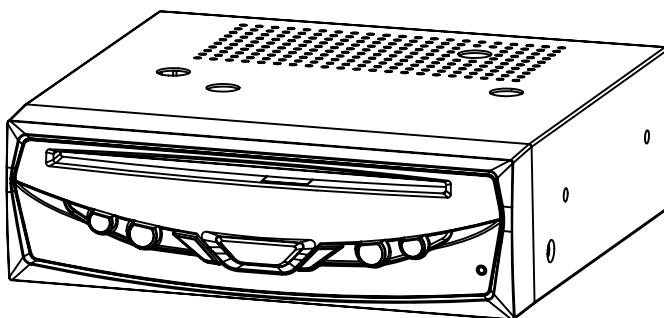
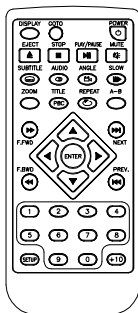




OWNER'S MANUAL

Compact DVD Player



MODEL: BDP-330

BLACKMORE MOBILE ELECTRONICS

3400 E. SLAUSON AVE.

MAYWOOD CA. 90270

1-866-572-6766

WWW.BLACKMOREMOBILE.COM

FEATURES

Compatible with PAL DVD (Video CD)
and NTSC DVD (Video CD)

This player can play discs recorded in
either PAL or NTSC format.

- A single LSI chip now integrates all major DVD playback circuit functions including MPEG2 decoder, video D/A converter, and audio decoders.
- L/R stereo analog audio outputs for connection to existing head unit aux inputs. Video output is composite video.
- Supplied remote handles multi-function software (multi-language audio-track/subtitle, multi-angle, multi-story, etc.), plus all basic functions.

USE THIS PRODUCT SAFELY

When Driving

Keep the volume level low enough to be aware of road and traffic conditions.

Do not expose the product to water or excessive moisture. This could cause electrical shorts, fire or other damage.

Parking in direct sunlight can produce very high temperatures inside your vehicle. Give the interior a chance to cool down before starting playback.

Use the Proper Power Supply

This product is designed to operate with a 12 volt DC, negative ground battery system (the regular system in a North American car).

Protect the Disc Mechanism

Avoid inserting any foreign objects into the slot of this player.

Failure to observe this may cause malfunction due to the precise mechanism of this unit.

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SAFETY INFORMATION

CAUTION:

MOBILE DVD PLAYER IS A CLASS I LASER PRODUCT. HOWEVER THIS MOBILE DVD PLAYER USES A VISIBLE/INVISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE MOBILE DVD PLAYER CORRECTLY AS INSTRUCTED. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND - DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

WARNING:

- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.
- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE ONLY THE RECOMMENDED ACCESSORIES.
- THIS DEVICE IS INTENDED FOR CONTINUOUS OPERATION.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Region Management Information:

This Mobile DVD Player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this Mobile DVD Player, this Mobile DVD Player cannot play this disc.

Disc formats supported by this player



DVD

12 cm disc

(Single-sided disc only)



Video CD

12 cm disc



CD

12 cm disc



MP3

12 cm disc

Discs which cannot be played with this player

- DVD-ROM
- DVD-R/DVD-RAM
- CDV
- CD-G

Handling and Cleaning

- Dirt, dust, scratches and warped disc's will cause misoperation.
- Do not place stickers on or labels on discs.
- Do not bend discs.
- A disc should always be kept in its case when not in use to prevent damage.
- Do not place discs in the following places:
 1. Direct sunlight
 2. Dirty, dusty and damp areas
 3. Near car heaters
 4. On the seats or dashboard

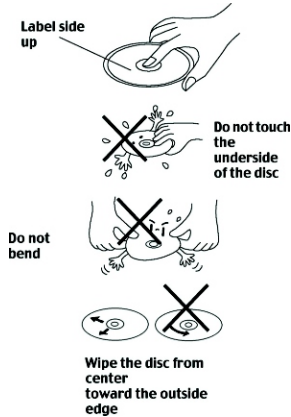
Disc Cleaning

Use a dry soft cloth to wipe the surface. If the disc is quite dirty, use a soft cloth slightly moistured with isopropyl (rubbing) alcohol. Never use solvents such as benzine, thinner or conventional record cleaners as they may mar the surface of the disc.

Note:

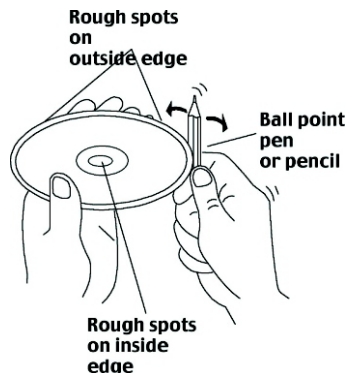
A disc may become somewhat scratched (although not enough to make it unusable) depending on your handling of it and conditions in the usage environment.

Note these scratches are not an indication of any problem with the player.



Repairing New Discs with Rough Spots

A new disc may have rough edges on its inside and outside edges. If a disc with rough edges is used, the proper setting will not be performed and the player will not play the disc. Therefore, remove the rough edges in advance by using a ball point pen or pencil as shown on the right. To remove the rough edges, press the side of the pen or pencil against the inside and outside edges of the disc.

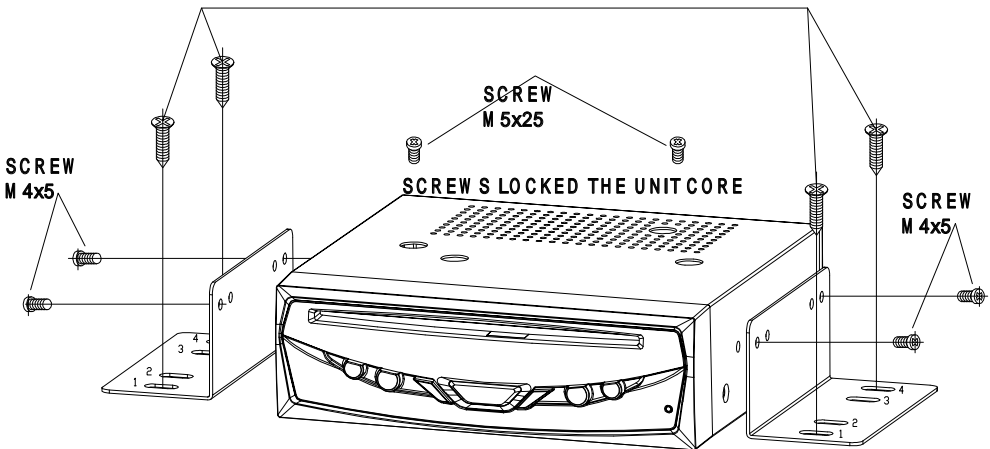


INSTALLATION

⚠ Cautions

1. Make sure to ground the unit to a negative 12V DC power supply
2. When replacing a fuse, only use a new one with the prescribed rating. Using a fuse with wrong rating may cause the unit to malfunction.
3. To prevent short circuits when replacing a fuse, first disconnect the wiring harness.
4. Do not use any screws except for the ones provided. Using improper screws may damage the unit.
5. If you experience problems during installation, consult your supplier.

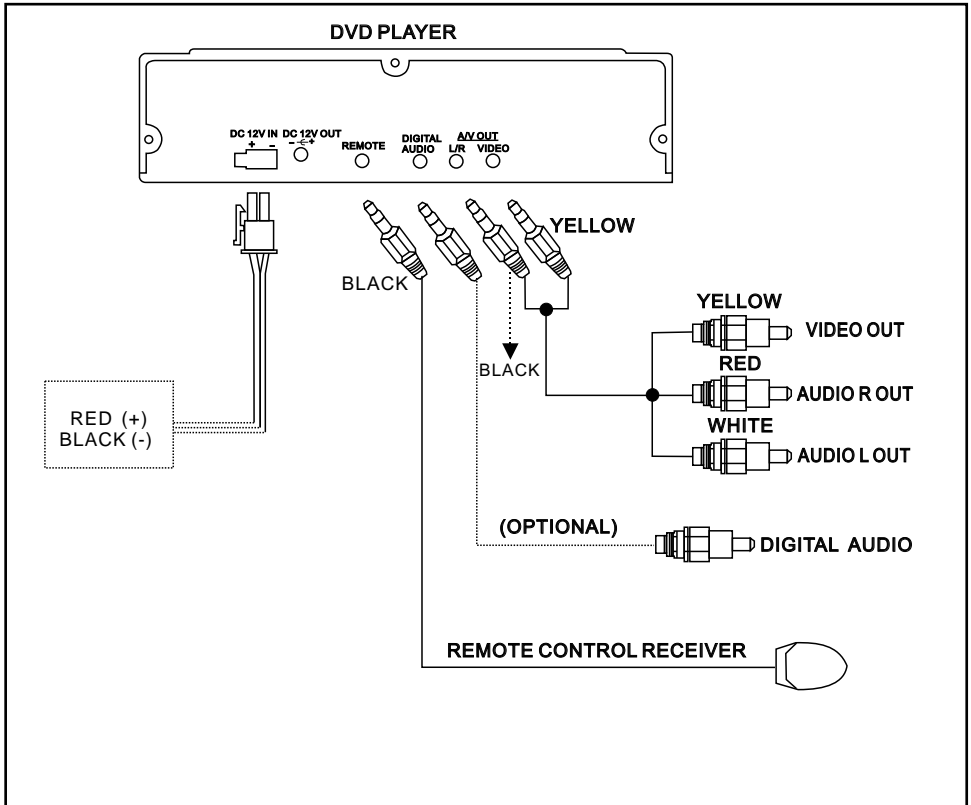
ALL INSTALLATIONS ARE DIFFERENT. IF YOU ARE NOT FAMILIAR WITH THIS TYPE OF EQUIPMENT OR INSTALLATION PLEASE CONSULT YOUR BLACKMORE MOBILE DEALER FOR INSTALLATION OR ADVISE.



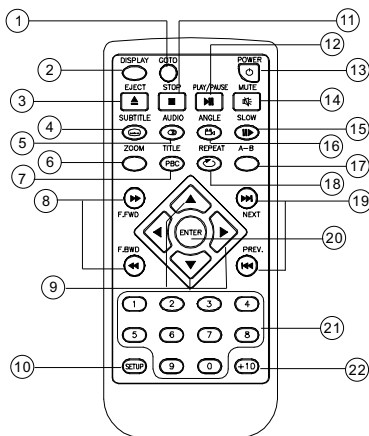
Note:

1. First remove the two screws that lock the unit core, then attach the brackets on both sides of unit with screws (M4x6), last install the unit with screws (M5x25).
2. When mounting the unit, you can slide the screw (M5x25) to left side or right side to position the player.

CONNECTION



REMOTE CONTROL



1. GOTO
2. DISPLAY
3. EJECT
4. SUBTITLE

Disc search button, cooperatively used with numeric buttons
Display statistical disc information during playback
Press it to eject the disc.

5. AUDIO

Changing of the SUBTITLE language on multi-subtitle language DVD disc

6. ZOOM
7. TITLE

Changing of the AUDIO soundtrack on multi-audio soundtrack DVD disc. Changing of the sound mode of the VCD/CD disc
Press it to zoom the picture in scale x1.5,x2.0,x3.0

- 8.
- 9.

Display the TITLE menu that is stored in DVD disc changing between PBC ON and PBC OFF on the VCD disc
Press to start forward rapidly & to reverse rapidly
Cursor buttons in MENU mode. Note: For models without built-in FM Modulator, the / buttons can be used for volume up/down control.

10. SETUP

Display the SETUP menu

- 11.

Press it to stop playback

- 12.

Press once to pause a play, press again to resume continuous playback

13. POWER

Press POWER to turn the unit ON or OFF

14. MUTE

Press it to eliminate the sound immediate

15. SLOW

Changing for slow forward/reverse playback motion

16. ANGLE

Changing of the view angle on multi-angle DVD disc

17. A-B

Press it to repeat between two selected sports on DVD or VCD disc.

18. REPEAT

Switch the Repeat mode of DVD/VCD/CD disc

19. /

Press to skip to the next track & press to skip back one track

20. ENTER

Confirm the Track/Chapter selected with the number key or selected with the cursor buttons on TV screen

21. 0 - 9

Numeric buttons

22. +10

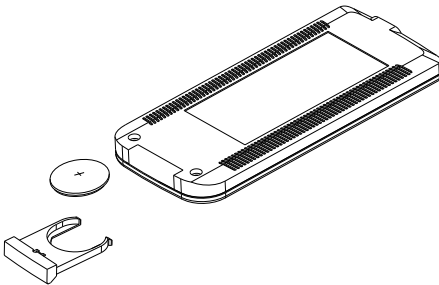
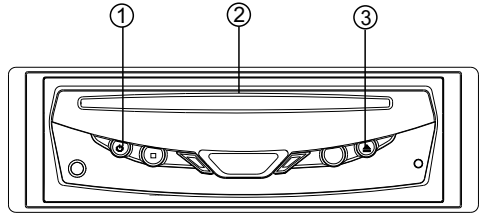
Press it to select 10th digits

REMOTE CONTROL


Preparing the Remote Control

Inserting the batteries

1. Remove the battery holder in the direction indicated by the arrow.
2. Insert the battery properly with the {+} sign up as illustrated.
3. Insert the battery holder. Push in the holder to the original position.



Ejecting a Disc

Press  (EJECT) button (3) to eject the disc.

USE ONLY CR2025 BATTERY FOR REPLACEMENT

Using the Remote Control

Face the remote control towards the player front face IR mark (remote control signal receiver).

Operation angle: About ± 30 degree in each the direction of the front of the IR mark.

To prevent damage to the unit, be sure to follow the connection diagram (page 7).

Loading a DVD/VCD/CD Disc

1. Turn the ignition on to the accessory position.
2. Press the POWER button (1).
3. Insert the disc with printed side facing up into the disc slot (2).
4. The player starts playback automatically.

BASIC OPERATION

Stopping Play

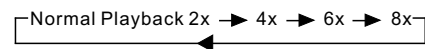
-Briefly press the **■**(Stop) button to stop the unit playback, then press the **▶▶** (Play) button to return to normal playback.

-Press **■**(Stop) button twice, it will stop the playback and go back to initial Track/Chapter.

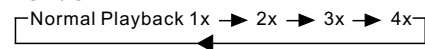
Rapid Forward/Rapid Reverse

Press **▶▶ FF** & **◀◀ REW** during play. Each time the button is pressed, the speed of rapid forward/reverse changes according to the disc as listed.

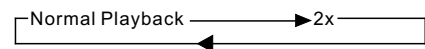
DVD:



VCD/CD:



MP3:



Skipping Tracks

Press **◀◀** / **▶▶** on the remote handset or front panel during playback.

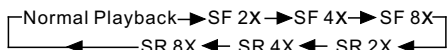
Press **▶▶** to skip to next track, and **◀◀** to go back one track.

Note: For some VCD 2.0 discs (PBC-playback control), **▶▶** and **◀◀** buttons may be unavailable.

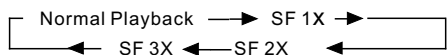
Slow Motion Play

Press slow button during playback. Each time the button is pressed, the slow modes are changes according to the disc as follow.

DVD:



VCD:



Note: For VCD, in any slow mode, press ENTER button to return to normal playback.

Pause (still picture)

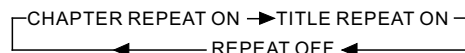
Pressing **⏸** during playback will stop play temporary. To return to normal playback, press **⏸** once again.

Repeat

Press the REPEAT button to select repeat mode as follow.

DVD:

Press the REPEAT button to select repeat mode as follow.



VCD/CD:

Press the REPEAT button to select repeat mode as follow.



1. Continuously repeat at the current chapter/ track, when selected REP-ONE mode.
2. Select REP-ALL mode to continuously repeat all chapter/track on the current disc.
3. When the player finishes playing back the current disc last chapter/track, it will stop and display the elapsed time. When selected REPEAT OFF mode (REP-ONE & REP-ALL disappear at the screen display).
4. REPEAT feature does not support VCD2.0 (with PBC ON).

Reset

Reset button is placed on the front panel and must be activated with a ball point pen or thin metal object. Reset button is to be activated for the following reasons:

- Initial installation of the unit when all wiring is completed.
- All the function buttons do not operate.
- Error symbol on the display.

Remote Sensor (IR)

Point the remote handset to the remote sensor. This receives the signal from the remote control.

Turning the player on/off

Press the **⏻** (POWER) button on the panel or press **⏻** (POWER) button on the remote control to turn the player on or off.

BASIC OPERATION

On-Screen Display Function

Press the DISPLAY button during playback to display the contents of the current disc on the screen.

Example:

DVD:

(1) Press DISPLAY for the first time:

TITLE 01/03 CHAPTER 002/025
00:02:25

Title Number, Total Title Number, Chapter Number, Total Chapter Number of this Title of the disc currently being played will be shown on the screen, along with the elapsed time.

(2) Press DISPLAY for the second time:

TITLE REMAIN
01:46:58

(3) Press DISPLAY for the third time:

CHAPTER ELAPSED
00:00:24

(4) Press DISPLAY for the fourth time:

CHAPTER REMAIN
00:01:39

(5) Press DISPLAY for the fifth time:
The message on the screen will be cleared.

Video CD/SVCD/CD:

(1) Press DISPLAY for the first time:

SINGLE ELAPSED 00:00:25
TRACK 01

(2) Press DISPLAY for the second time:

SINGLE REMAIN 00:03:15
TRACK 01

(3) Press DISPLAY for the third time:

TOTAL ELAPSED 00:00:25
TRACK 01

(4) Press DISPLAY for the fourth time:

TOTAL REMAIN 00:40:35
TRACK 01

(5) Press DISPLAY for the fifth time:
The message on the screen will be cleared.

MP3:

Each time DISPLAY is pressed, the message displayed on screen changes as follows:

CHAPTER ELAPSED → CHAPTER REMAIN

Multi-audio Language Function

DVD:

Press AUDIO during playback.

Each time the button is pressed, number of the audio soundtrack language changes on sequential order.

Notes:

- The language number is different according to the disc.
- Some disc only contain one language soundtrack.
- When no different language soundtrack are recorded, will be display at screen left top corner.

VCD:

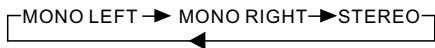
Press AUDIO during playback.

It is possible to switch the sound between monaural and stereo sound.

LEFT VOCAL → RIGHT VOCAL → MONO LEFT
← STEREO ← MONO RIGHT ←

BASIC OPERATION

CD:
Press AUDIO during playback.
This will switch the sound
between monaural and stereo sound.



TITLE Menu Function

DVD:
If the DVD has multiple titles recorded on the disc. It can select preferred title from the title menu to start playback.
1.Press TITLE during playback.
The title menu is display.
2.Press the cursor button shown in TV screen, select preferred title with the cursor button and confirmed by pushing the ENTER key.

VCD:
Press the TITLE button while the disc is playing, you can switch between "PBC on" and "PBC off" mode.

Multi-subtitle Language Function

(For DVD only)
Press SUBTITLE during playback.
Each time the button is pressed, number of the subtitle language changes in sequential order.

Notes:
-The number of languages is different per each disc.
-Some discs only contain one subtitle language.
-When no different subtitle languages are recorded, will be displayed at the screen left top corner.

Multi-angle Function

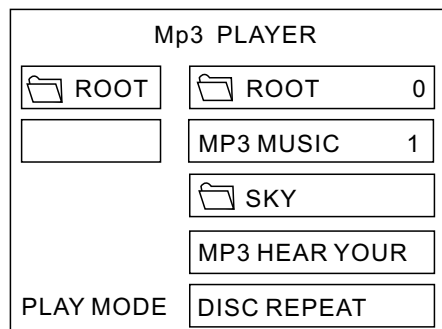
(For DVD only)
Press ANGLE during playback.
Each time the button is pressed, the number of the angle changes in sequential order.

Notes:
-The angle number is different according to the disc.

-This function only works for discs having scenes recorded at different angles.
-When no different angles are recorded, will be displayed at screen left top corner.

MP3 Disc Play

MP3 disc is playing in the DISC REPEAT mode by default.
For example:



Use / / / buttons to select the item or folder, then press ENTER button.
When select PLAY MODE, press the REPEAT button repeatedly to select three kinds of play mode.

REP-ONE:

Play the same song over and over again.

FOLDER REPEAT:

Play all songs in the current directory in sequence, over and over again.

DISC REPEAT:

Play all songs in the disc over and over again.

In the playback, use or to skip an item ahead or back.

: Rapid reverse, : Rapid advance

Note: The FOLDER cannot be selected during playing. It can be selected after (Stop) button pressed.

INITIAL SETUP

SETUP MENU ---MENU PAGE

GENERAL SETUP

SPEAKER SEUP

AUDIO SETUP

PREFERENCES

EXIT SETUP

1.Press SETUP in the stop mode.
 (Press the stop button twice to ensure
 the player is in the STOP mode.)

2.The initial SETUP menu is displayed.

3.Select the preferred item by using the
 ▲/▼ buttons.

4.Press ENTER button to select.

a. GENERAL SETUP

This setup page includes all the
 items for TV display & audio output
 features. For details please refer to
 the GENERAL SETUP MENU.

b. SPEAKER SETUP

This is to activate the audio output
 from DOLBY AC3 5.1 DOWNMIX
 to 2 channel mode. Please refer to
 SPEAKER SETUP MENU.

c. AUDIO SETUP

This setup page includes all the
 items for AUDIO. Please refer to
 AUDIO SETUP MENU.

d. PREFERENCE SETUP

This setup page includes all the
 configuration of support features.
 For details please refer to the
 PREFERENCES SETUP MENU.

GENERAL SETUP

--- GENERAL PAGE ---

TV DISPLAY

PIC MODE

ANGLE MARK

OSD LANG

CAPTIONS

SCR SAVER

FM FREQUENCY

MAIN PAGE

NORMAL/PS

NORMAL/LB

WIDE

Video Material	TV Screen			
	Normal	Pan Scan	Letter-box	Wide(16:9)
4:3				

TV display setup

This is to select the appropriate TV
 aspect (4:3 or 16:9) according to the
 connected Monitor.

Normal/PS (For 4:3 TV)

Played back in the PAN & SCAN style.
 (If connected to wide-screen TV, the left
 and right edges are cut off.)

Normal/LB (For 4:3 TV)

Played back in letterbox style.
 (If connected to wide-screen TV, black
 bands appear at top and bottom of the
 screen.)

Wide (For 16:9 TV)

Select when a wide-screen TV set is
 connected.

SETUP

---GENERAL PAGE ---

TV DISPLAY	
PIC MODE	AUTO
ANGLE MARK	HI-RES
OSD LANG	N-FLICKER
CAPTIONS	
SCR SAVER	
FM FREQUENCY	
MAIN PAGE	

PIC mode setup

Select AUTO, the player PIC mode will depend on DVD disc.
Select HI-RES format for best image resolution.
Select N-FLICKER format on format on image or picture under noise affect.

---GENERAL PAGE ---

TV DISPLAY	
PIC MODE	
ANGLE MARK	
OSD LANG	ENGLISH
CAPTIONS	
SCR SAVER	
FM FREQUENCY	
MAIN PAGE	

OSD LANG type setup

Select the preferred OSD language by using the ▲ / ▼ buttons.

--- GENERAL PAGE ---

TV DISPLAY	
PIC MODE	
ANGLE MARK	ON
OSD LANG	OFF
CAPTIONS	
SCR SAVER	
FM FREQUENCY	
MAIN PAGE	

ANGLE MARK display setup

If it is set to ON, when the multi-angle DVD disc is playing, 𐄂 (the angle mark) will appears on the screen; if is set to OFF, the mark will not appear.

--- GENERAL PAGE ---

TV DISPLAY	
PIC MODE	
ANGLE MARK	
OSD LANG	
CAPTIONS	ON
SCR SAVER	OFF
FM FREQUENCY	
MAIN PAGE	

CAPTIONS setup

Activate the CAPTIONS feature by selecting ON. And release this feature by selecting OFF.

--- GENERAL PAGE ---

TV DISPLAY	
PIC MODE	
ANGLE MARK	
OSD LANG	
CAPTIONS	
SCR SAVER	ON
FM FREQUENCY	OFF
MAIN PAGE	

SCR SAVER setup

Select the SCR SAVER output ON/OFF

---GENERAL PAGE

TV DISPLAY	
PIC MODE	
ANGLE MARK	
OSD LANG	
CAPTIONS	
SCR SAVER	
FM FREQUENCY	88.7MH z
	88.9MH z
MAIN PAGE	

FM Modulator Frequency setup

Select the preferred FM frequency by using the ▲ / ▼ buttons

NOTE: The built-in FM Modulator is an optional feature.

SPEAKER SETUP

--- SPEAKER SETUP PAGE ---

DOWNMIX	LT/RT
	STEREO
MAIN PAGE	

This is to activate the audio output from DOLBY AC3 5.1 DOWNMIX to 2 channel mode. Select the preferred SPEAKER connection by using the cursor buttons.

- Select the LT/RT to activate the Dolby surround compatible output.
- Select the STEREO to activate simple stereo mode.

AUDIO SETUP

---AUDIO SEUTP---

AUDIO OUT	ANALOG
OP MODE	SPDIF/RAW
LPCM OUTPUT	SPDIF/PCM
DYNAMIC	
MAIN PAGE	

AUDIO OUT

This is to activate the audio output from ANALOG mode to SPDIF/RAW mode to SPDIF/PCM mode.

SETUP

---AUDIO SETUP---

AUDIO OUT	
OP MODE	LINE OUT
LPCM OUTPUT	RF REMOD
DYNAMIC	
MAIN PAGE	

OP MODE

There are two operating modes for the Dolby Digital decoder: LINE OUT and RF REMOD.

---AUDIO SETUP

AUDIO OUT	<div><div>FULL</div><div>6/8</div><div>4/8</div><div>2/8</div><div>OFF</div></div>
OP MODE	
LPCM OUTPUT	
DYNAMIC	
MAIN PAGE	

Dynamic Range Control

Select DRC and adjust the dynamic range of a Dobyly Digital encoded program. There are 8 steps between full compression and off compression.

PREFERENCES SETUP

---AUDIO SETUP

AUDIO OUT	
OP MODE	LPCM 48K
LPCM OUTPUT	LPCM 96K
DYNAMIC	
MAIN PAGE	

LPCM OUTPUT

Select the LPCM OUTPUT between LPCM 48K and LPCM 96K.

---PREFERENCES PAGE

TV TYPE	MULTI
AUDIO	NTSC
SUBTITLE	PAL
DISC MENU	
PARENTAL	
PASSWORD	
DEFAULTS	
FM MODULATOR	
Mp3 PLAYER	
MAIN PAGE	

TV type setup

This player can play discs recorded in either PAL or NTSC format. Select NTSC format, when you connected to NTSC TV. Select PAL format, when you connected to PAL TV. Select AUTO format, the player TV output format will according to the DVD disc format.

---PREFERENCES PAGE

TV TYPE	
AUDIO	ENGLISH
SUBTITLE	FRENCH
DISC MENU	SPANISH
PARENTAL	CHINESE
PASSWORD	JAPANESE
DEFAULTS	
FM MODULATOR	
Mp3 PLAYER	
MAIN PAGE	

AUDIO language setup

Select the preferred AUDIO soundtrack by using the cursor buttons.

---PREFERENCES PAGE

TV TYPE	
AUDIO	
SUBTITLE	
DISC MENU	ENGLISH
PARENTAL	FRENCH
PASSWORD	SPANISH
DEFAULTS	CHINESE
FM MODULATOR	JAPANESE
Mp3 PLAYER	
MAIN PAGE	

DISC MENU language setup

Select the preferred DISC MENU language by using the cursor buttons.

---PREFERENCES PAGE ---

TV TYPE	
AUDIO	
SUBTITLE	ENGLISH
DISC MENU	FRENCH
PARENTAL	SPANISH
PASSWORD	CHINESE
DEFAULTS	JAPANESE
FM MODULATOR	OFF
Mp3 PLAYER	
MAIN PAGE	

SUBTITLE language setup

Select the preferred SUBTITLE language by using the cursor buttons.

---PREFERENCES PAGE

TV TYPE	1G
AUDIO	2
SUBTITLE	3PG
DISC MENU	4PG13
PARENTAL	5
PASSWORD	6PG-R
DEFAULTS	7NC-17
FM MODULATOR	8 ADULT
Mp3 PLAYER	NO PARENTAL
MAIN PAGE	

PARENTAL

Select suitable parental guidance by the cursor buttons and confirmed by pressing ENTER button.

SETUP

---PREFERENCES PAGE

TV TYPE	
AUDIO	
SUBTITLE	
DISC MENU	
PARENTAL	
PASSWORD	CHANGE
DEFAULTS	
FM MODULATOR	
MP3 PLAYER	
MAIN PAGE	

PASSWORD

Select the change and press ENTER button. Type the old password (The initial factory code is 3308) and key in a 4 character password that you want to use, and retype again to confirm.

---PREFERENCES PAGE

TV DISPLAY	
AUDIO	
SUBTITLE	
DISC MENU	
PARENTAL	
PASSWORD	
DEFAULTS	
FM MODULATOR	ON
MP3 PLAYER	OFF
MAIN PAGE	

FM Modulator ON/OFF setup

Activate the FM Modulator feature by selecting ON. And release this feature by selecting OFF.

NOTE: The built-in FM Modulator is an optional feature.

---PREFERENCES PAGE---

TV TYPE	
AUDIO	
SUBTITLE	
DISC MENU	
PARENTAL	
PASSWORD	
DEFAULTS	RESET
FM MODULATOR	
MP3 PLAYER	
MAIN PAGE	

DEFAULTS

Select reset to become factory initial setting.

--- PREFERENCES PAGE---

TV TYPE	
AUDIO	
SUBTITLE	
DISC MENU	
PARENTAL	
PASSWORD	
DEFAULTS	
FM MODULATOR	
MP3 PLAYER	NO MENU
WITH MENU	
MAIN PAGE	

Mp3 PLAYER

In this item, you can select NO MENU mode or WITH MENU mode.

DEFAULT SETTINGS

General Setup	TV Display	Normal/PS
	PIC Mode	AUTO
	Angle Mark	ON
	OSD Language	English
	Captions	OFF
	SCR Saver	OFF
Speaker Setup	Downmix	Stereo
Audio Setup	Audio Out	Analog
Preferences	OP Mode	Line Out
	Dynamic	FULL
	LPCM Out	LPCM 96K
	TV Type	AUTO
	Audio	English
	Subtitle	English
	DISC Menu	English
	Parental	6PG-R
	Password	3308
	DEFAULTS	RESET
	FM MODULATOR	ON
	Mp3 Player	With Menu

SPECIFICATIONS

Supply Voltage	: 12V DC (11V-15V), test voltage 14.4V, negative ground	
Current Consumption	: Less than 2A	
Signal System	: Composite video 1.0Vp-p 75Ω	
Discs Played	: (1)DVD-VIDEO Disc 5"(12 cm) single-sided, single-layer 5"(12 cm) single-sided, double-layer (2)Compact Disc (CD-DA, VIDEO CD) 5"(12cm) disc	
Audio Output Level	: 600Ω (2 ch 2.0 Vrms)	
Audio Signal Output Characteristics	: (1)Frequency Response 20 Hz - 20 KHz : (2)S/N Ratio 90 dB (JIS) : (3)Wow and Flutter Below measurable limits	

Note:

Specifications and design are subject to modification, without notice, due to improvements in technology.

WARRANTY INFORMATION

LIMITED THREE-YEAR WARRANTY

This warranty from Blackmore Mobile shall be in effect for a period of three years from the date of the first consumer purchase. This warranty shall be enforceable by the original owner and any subsequent owners during the warranty period so long as proof of date of purchase from an authorized dealer is presented whenever warranty service is required.

Except as otherwise specified below, this warranty covers all defects in material and workmanship in this product. The following are not covered: damage resulting from accident, misuse, abuse, neglect, product modification, improper installation, incorrect line voltage, unauthorized repair or failure to follow instructions supplied with the product, damage occurring during shipment (claims must be filed with the carrier), elimination of car static or other electrical interferences, any product purchased outside of North America, or on which the serial number has been defaced, modified or removed.

In order to receive service of this product please return it to the Blackmore Mobile dealer from whom it was purchased and such dealer will service or arrange for service of the product. If shipment of the product is required, it should be packed securely. The original dated bill of sale or a legible copy of it must always be included with the product as proof of warranty coverage.

We will pay for all labor and material expenses required to repair the product, but consumer must pay any labor expense for the removal and installation of the product. If the product is shipped, consumer must prepay the initial shipping charges to us, but Blackmore Mobile will pay the return shipping charges.

All implied or statutory warranties and conditions, including warranties or conditions of merchantability, fitness for particular purposes and non-infringement, are limited in duration to the length of this warranty. Blackmore Mobile's liability is limited to the repair or replacement, at our option, of any defective product and shall not include incidental or consequential economic damages of any kind. Some states or provinces do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the aforementioned limitations and exclusions may not apply. This warranty gives you specific rights and you may also have other rights, which vary depending on the state or province that you reside in.

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